



7-11-06

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|--|------------------------|--------------------------|
| | | Application Number | 10/618,780 |
| | | Filing Date | July 14, 2003 |
| | | First Named Inventor | Samuel D. Hawkins et al. |
| | | Art Unit | 3749 |
| | | Examiner Name | Alfred Basichas |
| Total Number of Pages in This Submission | | Attorney Docket Number | 1249-000019/US |

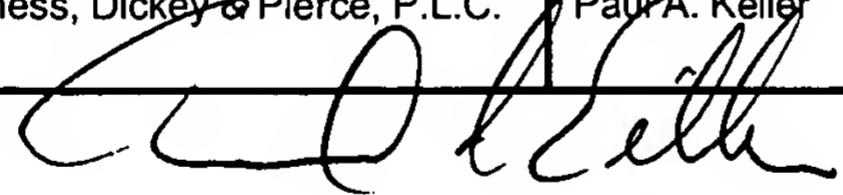
ENCLOSURES (check all that apply)

| | | |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard |
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Remarks

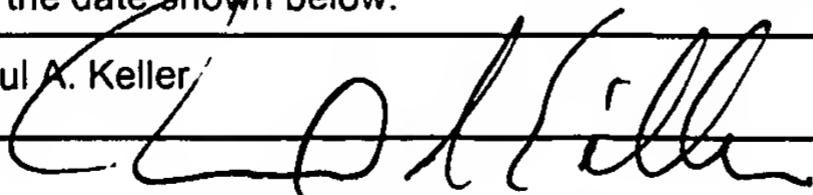
The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|-------------------------|--|---------------|----------|
| Firm or Individual name | Harness, Dickey & Pierce, P.L.C. | Attorney Name | Reg. No. |
| Signature |  | | |
| Date | July 10, 2006 | | |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | | |
|-----------------------|--|------------------------|-------------------------------|
| Typed or printed name | Paul A. Keller | Express Mail Label No. | EV 855 009 434 US (7/10/2006) |
| Signature |  | Date | July 10, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 855 009 434 US

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JUL 10 2006
U.S. PATENT & TRADEMARK OFFICE
Fee Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2006

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 600
Complete if Known

| | |
|----------------------|--------------------------|
| Application Number | 10/618,780 |
| Filing Date | July 14, 2003 |
| First Named Inventor | Samuel D. Hawkins et al. |
| Examiner Name | Alfred Basichas |
| Art Unit | 3749 |
| Attorney Docket No. | 1249-000019/US |

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Order None Other (please identify) :

 Deposit Account Deposit Account Number: 08-0750 Deposit Account Name: Harness, Dickey & Pierce, PLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

Under 37 CFR 1.16 and 1.17

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| <u>Application Type</u> | <u>FILING FEES</u> | | <u>SEARCH FEES</u> | | <u>EXAMINATION FEES</u> | | |
|-------------------------|--------------------|---------------------|--------------------|---------------------|-------------------------|---------------------|-----------------------|
| | <u>Fee (\$)</u> | <u>Small Entity</u> | <u>Fee(\$)</u> | <u>Small Entity</u> | <u>Fee(\$)</u> | <u>Small Entity</u> | <u>Fees Paid (\$)</u> |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | _____ |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | _____ |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | _____ |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | _____ |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | _____ |

2. EXCESS CLAIM FEESFee Description

| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee(\$)</u> | <u>Fee Paid (\$)</u> | <u>Small Entity</u> |
|---------------------|---------------------|----------------|----------------------|---------------------|
| 20 | -22 or HP= 0 | x _____ | = 0 | Fee (\$) |
| | | | | 50 25 |
| | | | | 200 100 |
| | | | | 360 180 |

HP = highest number of total claims paid for, if greater than 20.

| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee(\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> |
|----------------------|---------------------|----------------|----------------------|----------------------------------|
| 8 | - 5 or HP= 3 | x 200 | = 600 | Fee (\$) |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

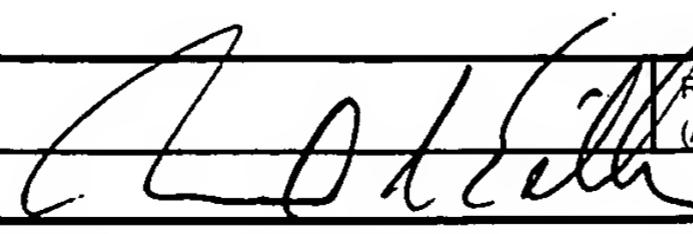
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|---|-----------------|----------------------|
| _____ | = 0 | / 50 = 0 (round up to a whole number) | x _____ | = 0 |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : _____

SUBMITTED BY

| | | | | | |
|-------------------|--|--------------------------------------|--------|-----------|----------------|
| Signature |  | Registration No. (Attorney/Agent) | 29,752 | Telephone | (248) 641-1600 |
| Name (Print/Type) | Paul A. Keller | | | Date | July 10, 2006 |

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/618,780

Filing Date: July 14, 2003

Applicant: Samuel D. Hawkins et al.

Group Art Unit: 3749

Examiner: Alfred Basichas

Title: INSHOT BURNER

Attorney Docket: 1249-000019

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed April 14, 2006, please amend the application as follows and consider the remarks set forth below.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 13 of this paper.